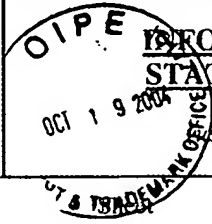


Substitute for Form 1449 A & B/PTO



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/734,623
Confirmation Number	2006
Filing Date	December 15, 2003
First Named Inventor	David SHAFER
Art Unit	2873
Examiner Name	Not Yet Assigned

1

0

f

1

Attorney Docket Number Q79028

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number	Kind Code ² (if known)			
W.C.		US 5,689,377 (Corresponds to EP 0736 789)		11/18/1997	Takahashi	CEASE / SUBCEASE 359/727
W.C.		US 5,831,770 (Corresponds to EP 0 770 895)		11/03/1998	Matsuzawa et al.	359/649
W.C.		US 2002/0163733 (Corresponds to JP 10-10429)	A1	11/07/2002	Takahashi	359/627
W.C.		US 6,392,822 (Corresponds to JP 10-10429)	B1	05/21/2002	Takahashi	359/728
W.C.		US 6,157,498 (Corresponds to JP 10-10429)		12/05/2000	Takahashi	359/728
W.C.		US 6,707,616 (Corresponds to WO 99/52004)	B1	03/16/2004	Takahashi et al.	359/649

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
W.C.		DE	197 26 058	A1	01/02/1998	Nikon Corporation	Abstract
W.C.		DE	195 35 392	A1	03/27/1997	Carl Zeiss	Abstract
W.C.		EP	0 869 383	A2	10/07/1998	Nikon Corporation	
W.C.		EP	0 736 789	A2	10/09/1996	Nikon Corporation	Corresponds to US 5,689,377
W.C.		EP	0 770 895	A2	05/02/1997	Nikon Corporation	Corresponds to US 5,831,770
W.C.		JP	10-10429		01/13/1989	Matsushita Electric Ind. Co., Ltd.	Corresponds to US 2002/0163733 A1, US 6,392,822, US 6,157,498; abstract
W.C.		WO	99/52004		10/14/1999	Nikon Corporation	Corresponds to US 6,707,616

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
W.C.		ERICH HEYNACHER, "Asphärische Optik - Warum sie gefordert, und wie sie gefertigt wird," Zeiss - Inform., 1978/1979, Pages 19-25, Vol. 24, No. 88, Oberkochen, Germany	
W.C.		ERHARD GLATZEL, "New Lenses for Microlithography," Zeiss-Inform., 1981/1982, Pages 8-13, Vol. 26, No. 92E, Oberkochen, Germany	

Examiner Signature

Date Considered

6/27/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial



Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number 10/734,623
 Confirmation Number 2006
 Filing Date December 15, 2003
 First Named Inventor David SHAFER
 Art Unit 2873
 Examiner Name Not Yet Assigned
 Attorney Docket Number Q79028

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number	Kind Code ² (if known)			
W.C.		US 4,779,966	A	10/1988	FRIEDMAN	CLASS / SUBCLASS 359 / 730
		US 4,953,960	A	9/1990	WILLIAMSON	359 / 663
		US 5,052,763	A	10/1991	SINGH ET AL	359 / 355
		US 5,220,454	A	6/1993	ICHIHARA ET AL.	359 / 482
		US 5,289,312	A	2/1994	HASHIMOTO ET AL.	359 / 482
		US 5,636,066	A	6/1997	TAKAHASHI	359 / 726
		US 5,668,673	A	9/1997	SUENAGA ET AL.	359 / 731
		US 5,691,802	A	11/1997	TAKAHASHI	359 / 53
		US 5,694,241	A	12/1997	ISHIYAMA ET AL.	359 / 364
		US 5,742,436	A	4/1998	FUERTER	359 / 727
		US 5,861,997	A	1/1999	TAKAHASHI	359 / 727
		US 5,969,882	A	10/1999	TAKAHASHI	359 / 728
		US 6,081,382	A	6/2000	OMURA	359 / 629
		US 6,195,213	B1	2/2001	OMURA ET AL.	359 / 727
		US 6,496,306	B1	12/2002	SHAFER ET AL.	359 / 355
		US 2003/0021040	A1	1/2003	EPPLER ET AL	359 / 727
✓		RE 36740	E	6/2000	ICHIHARA ET AL.	359 / 482

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁴
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
W.C.		EP	0 604 093	B1	6/29/1994	NIKON CORPORATION	
W.C.		EP	1 115 019	A2	7/11/2001	CARL ZEISS	
W.C.		WO	03/050587	A3	6/19/2003	CARL ZEISS SEMICONDUCTOR MANUFACTURING TECHNOLOGIES	
W.C.		EP	1 191 378	A1	3/27/2002	NIKON CORPORATION	
W.C.		WO	03/036361	A1	5/1/2003	NIKON CORPORATION	Abstract
W.C.		JP	2002-372668		12/26/2002	NIKON CORPORATION	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴

Examiner Signature

W.C.

Date Considered

6/27/05